



Missouri Crop Progress and Condition

Released May 17, 2021

There were 3.8 days suitable for fieldwork for the week ending May 16, 2021. Temperatures last week averaged 54.9 degrees statewide, 8.6 degrees below normal. Precipitation averaged 0.45 inches, 0.67 inches below normal. Topsoil moisture supply was rated 1 percent short, 76 percent adequate, and 23 percent surplus. Subsoil moisture supply was rated 2 percent short, 85 percent adequate, and 13 percent surplus. Corn planted was 84 percent complete, compared to the 5-year average of 83 percent. Corn emerged was 60 percent, compared to the 5-year average of 64 percent. Soybeans planted was 36 percent complete, compared to the 5-year average of 29 percent. Soybeans emerged was 14 percent, compared to the 5-year average of 11 percent. Cotton planted was 65 percent complete, compared to the 5-year average of 54 percent. Rice planted was 88 percent complete, compared to the 5-year average of 78 percent. Rice emerged was 70 percent, compared to the 5-year average of 62 percent. Rice condition was rated 3 percent poor, 37 percent fair, 59 percent good, and 1 percent excellent. Winter wheat headed was 80 percent complete, compared to the 5-year average of 79 percent. Winter wheat condition was rated 5 percent poor, 33 percent fair, 55 percent good, and 7 percent excellent.

Days Suitable for Fieldwork and Soil Moisture Supply: Week Ending May 16, 2021

State	Days Suitable for Fieldwork	Topsoil Moisture Supply				Subsoil Moisture Supply			
		Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
		(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	3.8	-	1	76	23	-	2	85	13

- Represents zero.

Crop Progress – Missouri

Item	Week ending			2016-2020 Average
	May 16, 2021	May 9, 2021	May 16, 2020	
	(percent)	(percent)	(percent)	(percent)
Corn planted	84	69	81	83
Corn emerged	60	40	54	64
Soybeans planted	36	21	25	29
Soybeans emerged	14	5	9	11
Cotton planted	65	10	14	54
Rice planted	88	72	59	78
Rice emerged	70	62	44	62
Winter wheat headed	80	57	77	79
Alfalfa hay 1st cutting	7	1	9	14
Other hay cut	4	(NA)	4	7

(NA) Not available.

Winter Wheat Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
May 16, 2021	-	5	33	55	7
May 9, 2021	-	5	32	56	7
May 16, 2020	3	6	42	46	3

- Represents zero.

Pasture Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
May 16, 2021	-	3	22	70	5
May 9, 2021	-	2	23	70	5
May 16, 2020	1	4	29	61	5

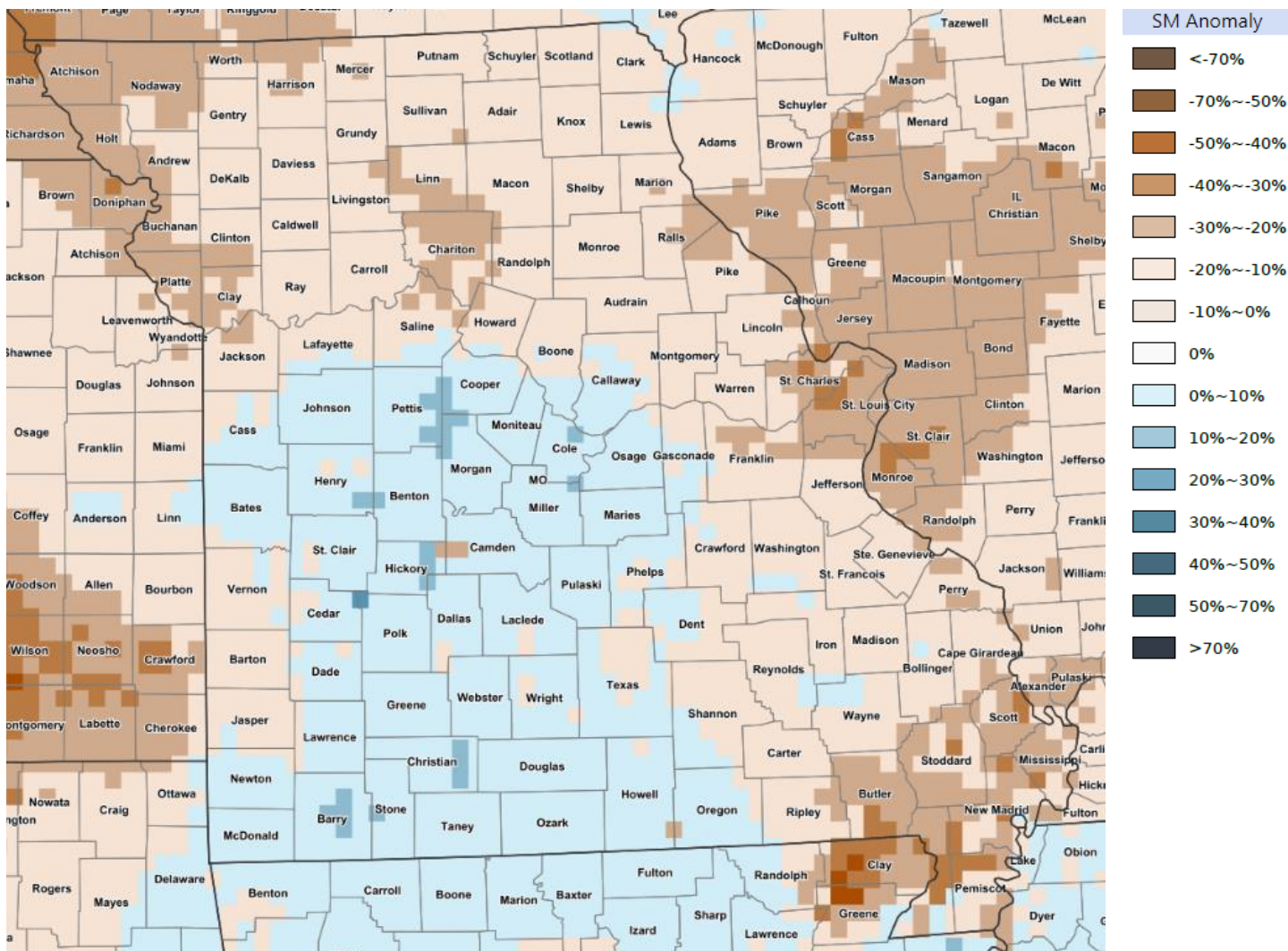
- Represents zero.

Supply of Hay and Other Roughages and Stock Water Supply: May 16, 2021

State	Supply of Hay and Other Roughages				Stock Water Supply			
	Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	2	10	83	5	-	-	94	6

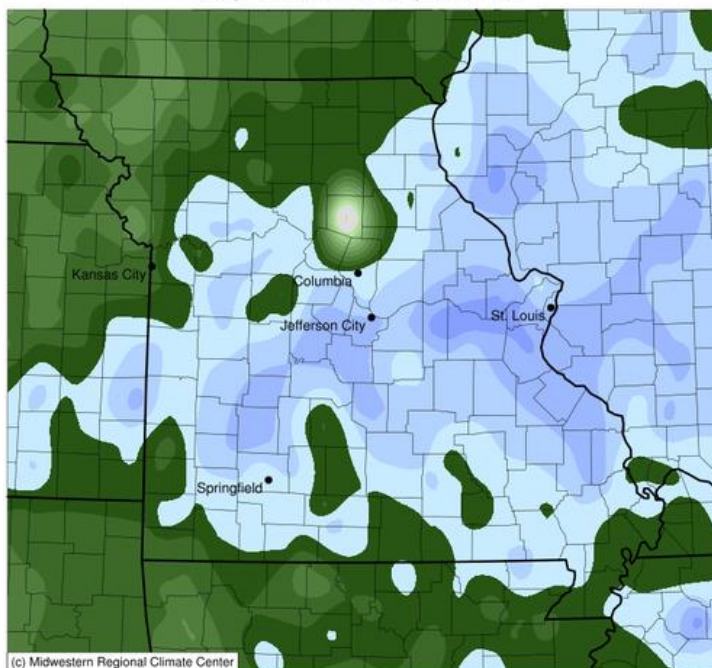
- Represents zero.

Soil Moisture Deviation from Historical Average – May 14



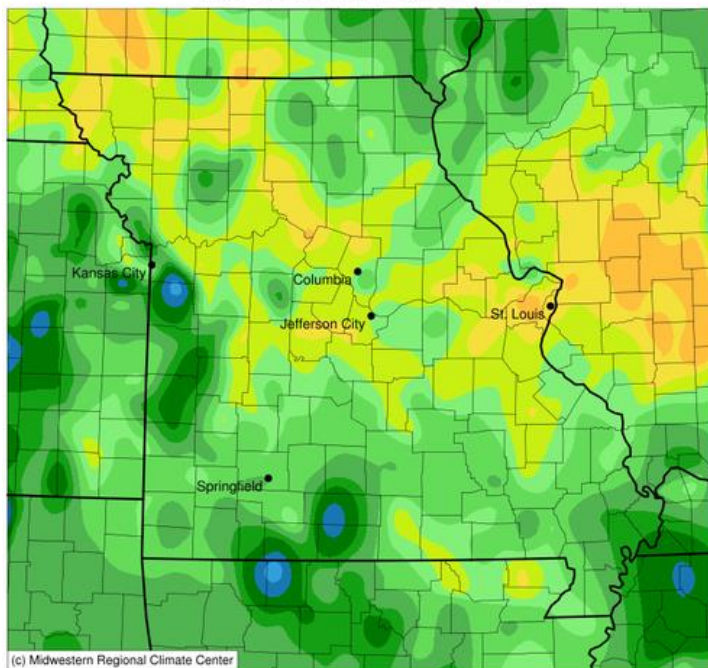
<https://cloud.csiss.gmu.edu/Crop-CASMA/>
(historical average includes 2015-2020)

Average Temperature (°F): Departure from 1991-2020 Normals
May 10, 2021 to May 16, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
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Accumulated Precipitation (in)
May 10, 2021 to May 16, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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